

Substitute for Form 1449 A & B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	
				Confirmation Number	
				Filing Date	
				First Named Inventor	
				Art Unit	
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	
				Q78520	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
JS		US 5,130,870		07/92	JABBARI
JS		US 5,537,272		07/96	KAZMIERCZAK et al.
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				Filing Date	November 18, 2003
				First Named Inventor	Jin-seung SOHN
				Art Unit	2653 (Parent)
				Examiner Name	G. Letscher (Parent)
Sheet	2	of	3	Attorney Docket Number	Q78520

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		US			
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	11-025585	A	1/1999		Abstract
		JP	11-086428	A	3/1999		Abstract
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		JP	11-096660	A	4/1999		Abstract
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		JP	11-098759	A	4/1999		Abstract
		JP	10-309059	A	11/1998		Abstract

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature	GEORGE LETSCHER	Date Considered	2/13/05
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		WO	98/03974		01/29/1998		
		JP	62-24052		02/87		
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		JP	11-275805		10/1999		
		JP					

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		PATENT ABSTRACTS OF JAPAN, vol. 014, no. 376 (P-1092), 8/14/90 & JP 02 139758 A (CANON INC) 5/29/90 *abstract	
		PATENT ABSTRACTS OF JAPAN, vol. 015, no. 266 (P-1223) 7/5/91 & JP 03 086968 A (FUJITSU LTD) 4/11/91 *abstract	
		Transactions of the Japan Society of Mechanical Engineers, June 1979, pp. 645-652	

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Complete if Known

Application Number	10/714,631
Confirmation Number	3244
Filing Date	November 18, 2003
First Named Inventor	Jin-seung SOHN
Art Unit	2655
Examiner Name	G. Letscher (Parent)
Attorney Docket Number	Q78520

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DUPLICATES		US 4,730,299		03/08/1988	KAMOSHITA et al.
		US 5,256,037		10/26/1993	CHATELAIN
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		US			

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
DUPLICATES		CN	1089700	A	07/20/1994		
		JP	03-086968		04/11/1991	FUJITSU LTD.	Abstract
		JP	59-112402		06/28/1984	TOSHIBA CORP.	Abstract

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Examiner Initials ^a	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

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CATE #12		JP	2-139758		05/29/1990	CANON INC	Abstract
		JP	7-192368		07/28/1995	TANASHIN DENKI CO	Abstract

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